

Abstract of the disclosure

A method is known of compensating for misregistration during operation of a printing press, in particular a sheet-fed offset printing press, in which misregistration occurring in the individual printing units are countered by register corrections. In order to provide a simple method to reduce misregisters after a pause in printing and in particular after washing of the rubber blanket cylinder, the pattern of the misregistration (PD) after a pause in printing is determined in a calibration phase over a sufficient number of sheets, data as a function of the pattern of the misregistration is stored in a memory unit (15) so that register correction values (K_i) may be determined and the register correction values are applied to the printing press upon restart after the pause in printing in order to compensate for the misregistration.